CHARGE NUMBER: Project 1901

PROJECT TITLE: Biochemical Modification of Tobacco

PERIOD COVERED: October 1-31, 1985

PROJECT LEADER: D. M. Teng

DATE OF REPORT: October 30, 1985

1. Direct Utilization of Tobacco

Ripe bright tobaccos of mixed stalk position (control and Ethrel-yellowed) which were dried in one of the three ways: 1) freeze-dried, 2) semi-work dried and 3) flue-cured, were processed. Some of the samples were expanded by the DIET process at the Pilot Plant. All the samples are being evaluated for chemical compositions, biochemical attributes and subjective responses.

2. Tobacco Samples From Different Growth Stages

Mid-stalk fresh tobacco leaves were secured from different stages of growth. All the samples were freeze-dried and cut. Cigarettes are being made for subjective and biochemical evaluations.

3. Burley Tobacco Curing Studies

Inhouse air-curing of burley tobacco under different moisture levels and high temperature-high humidity treatment are on-going. Curing will be terminated in another four-weeks.

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